

DECKHAND

A student who has completed the Job Corps Deckhand program is equipped with the skills to contribute to the workplace as a valued employee from day one. Competence in academic and vocational skills is required for graduation. In addition, Job Corps students learn employability and technological skills. To complete his or her Deckhand training, a student must master skills in these categories:

SAFETY

Identify safety risks and explain the procedure to follow; understand the appropriate steps to minimize or eliminate risks to safety.

PROPER LIFTING TECHNIQUES

Demonstrate proper lifting techniques; understanding of when lifting is a two-person job; demonstrate proper picking up and putting down rigging; describe repetitive motion and its effects on your back; describe the effects of twisting while lifting and carrying.

LADDER SAFETY

Demonstrate tying a ladder off; demonstrate angle of a ladder; describe and demonstrate having a backup to hold ladder securely; inspect and describe ladder for condition.

FIRE EXTINGUISHERS

Describe the different types of fire extinguishers and the use for each type; demonstrate proper use of fire extinguisher.

CONFINED SPACE

Understand definition of a confined space and its hazards; describe what to do before entry into a confined space.

PROPER PPE

Demonstrate the proper use and function of personal protective equipment for each deckhand job.

SAFE WORKING PRACTICES

Ability to use and access information from Material Safety Data Sheets (MSDS); demonstrate the safety precautions and understanding of the safety hazards involved in blood-borne pathogens; define lockout and tag-out and how and why it is used; define what slips, trips and falls are and how they can be prevented; demonstrate knowledge of CPR and first aid; define HAZCOM.

UNDERSTANDING STATION BILL

Demonstrate and identify the types of alarms; explain responsibilities for fire drill, man overboard drill and spill drill.

COMMUNICATIONS

Plan and conduct a job briefing, demonstrate judging terminology and distance calling; describe and demonstrate each hand signal; demonstrate proper use of radios; describe the importance of communication on the vessel; understand the most common river terms.

LINE HANDLING

Demonstrate throwing a line; demonstrate tying a line (backing, towing, breast, fore and aft, one part, two part and three part); demonstrate turning loose and coiling a line; demonstrate the proper steps of using a capstan line; demonstrate the proper steps for checking a line down; describe wire types and uses; define the uses of straps; define the operation and use of shackle/pin and chain links; demonstrate splicing an eye, splicing two lines together, a half-hitch, an under turn, a bowline and making a bumper; demonstrate setting up the head of the boat, the operation of the capstan line, connecting and disconnecting face wires, the operation of electric winches and setting up guard chains and other cords; demonstrate setting up, laying, jerking and hooking rigging, tightening a wire with a ratchet, demonstrate knocking loose rigging, demonstrate cleaning work areas.

USING, CHECKING AND MAINTAINING BOAT AND EQUIPMENT

Demonstrate inspecting a boat and the inside of a boat; understand how often the boat and barges are to be painted; define chipping and grinding; name who is responsible for vessel engine maintenance; demonstrate the operation and use of gas and diesel small-pump maintenance; describe the dangers and demonstrate use and maintenance of hand and electric winches; describe the dangers and demonstrate different parts, use and maintenance of ratchets.

BUILDING TOW

Demonstrate planning tow work; check barges for water damage and drafts; demonstrate checking and verifying barge numbers; demonstrate checking for water in voids, damaged barges, rigging and debris and CHEM BARGES; demonstrate setting up navigation lights.

WORKING ENVIRONMENT

Describe the hazards involved and the proper PPE for night working; describe the hazards involved and your responsibility as a deckhand during adverse weather conditions; describe three different watches, the hours for all three watches and the duties during each.

RELATED COMPONENTS

Demonstrate proper PPE sooging, how and when to sooge; demonstrate setting up, checking and retrieving sounders; demonstrate setting up, launching, loading the yawl and turning the yawl loose; demonstrate riding in the yawl, rowing a yawl and operating a yawl.